

101 6640 T25E50

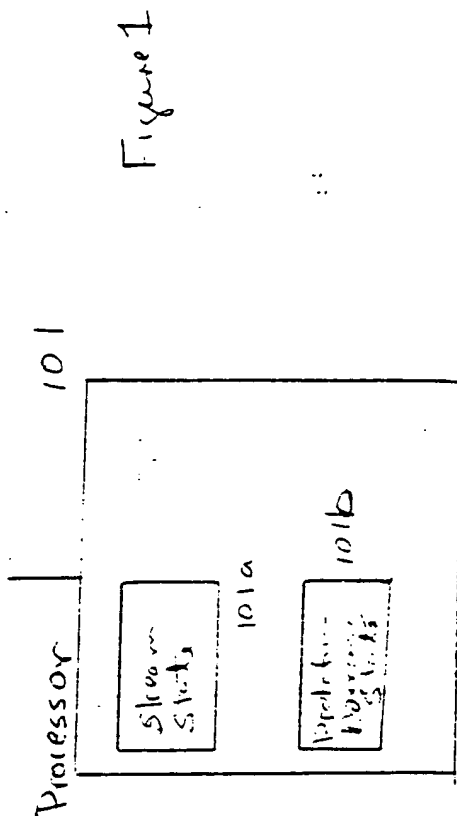
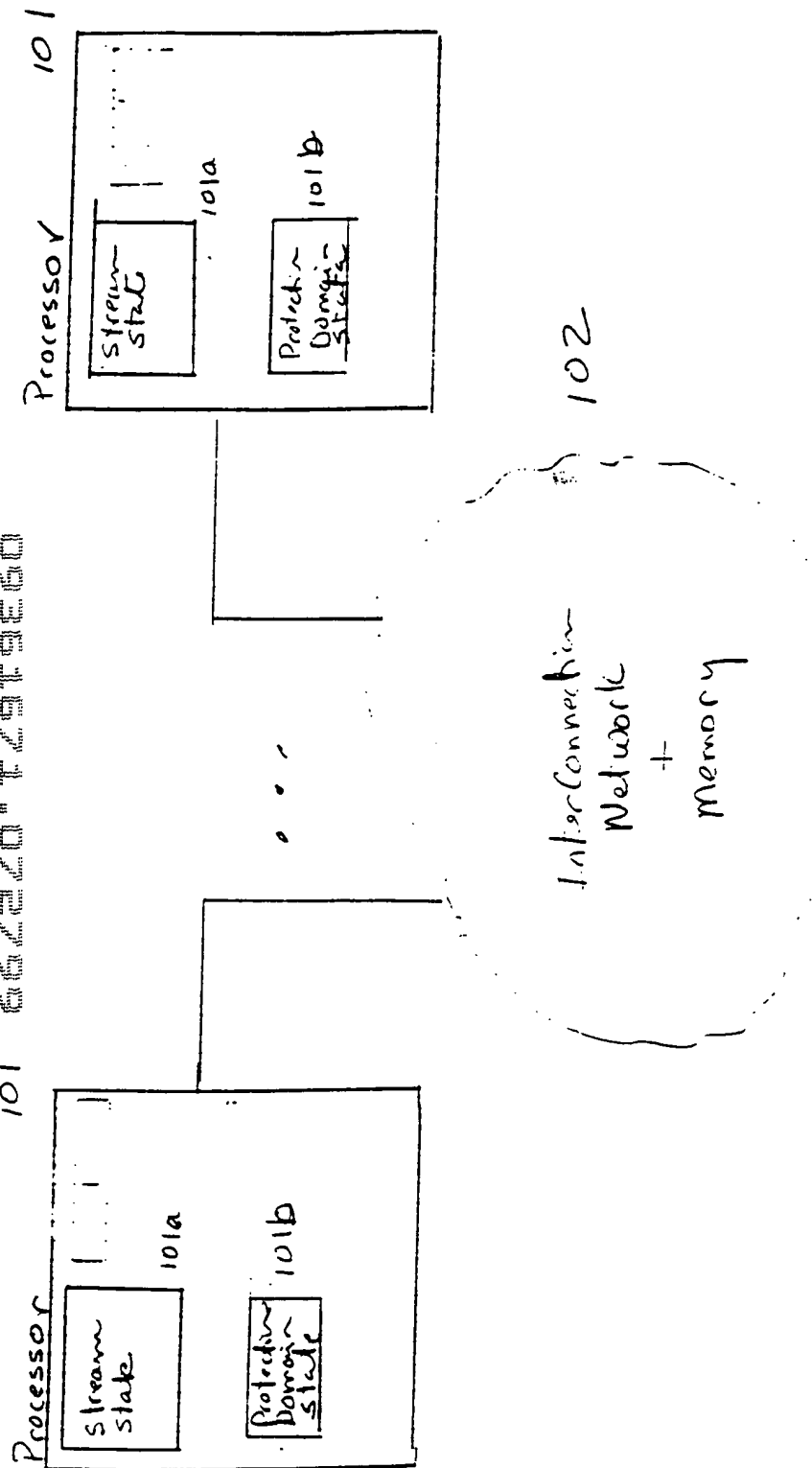


Figure 1

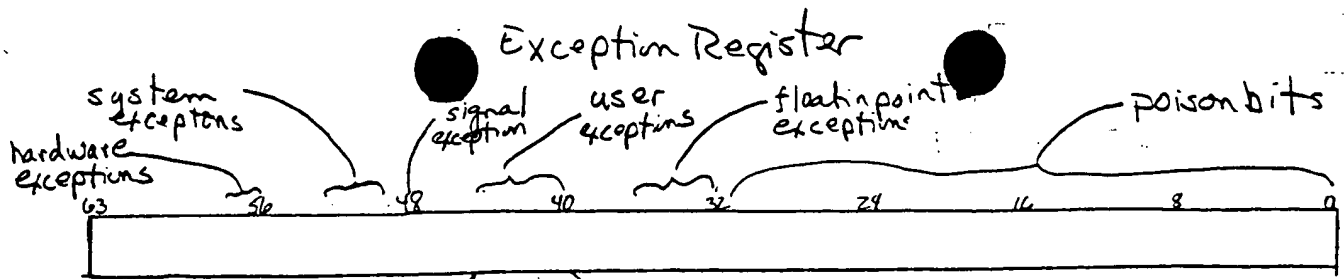


Fig 2A

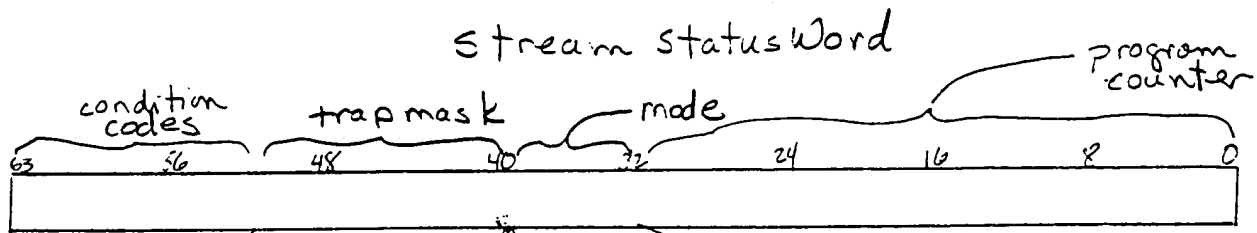
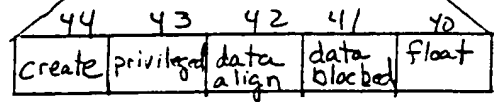
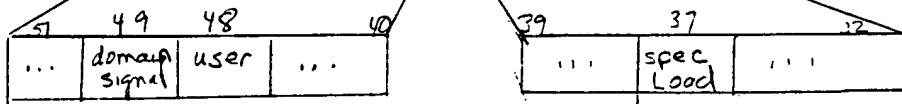


Fig 2B



Pointer

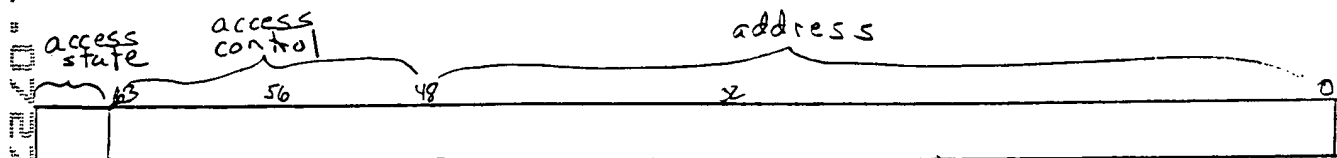
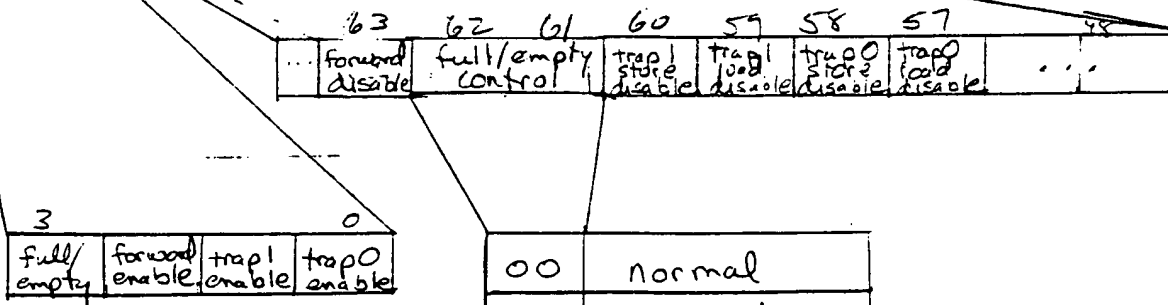


Fig 2C



00	normal
01	reserved
10	future
11	sync

Fig 3

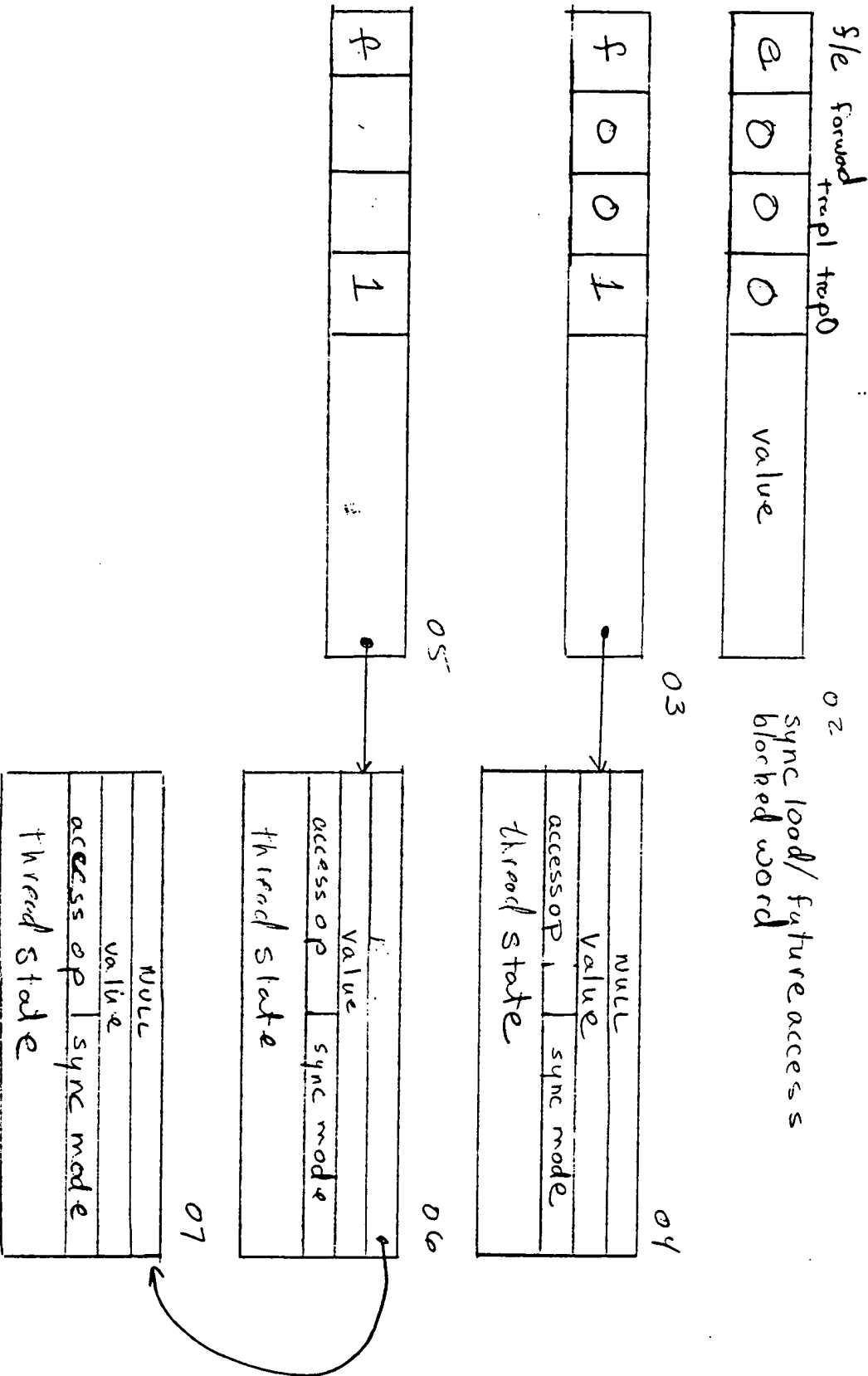


Fig 4

	load			store		
	normal	sync	future	normal	sync	future
sync node current type	normal	Succeed	Succeed	Succeed	block	succeed
full	Succeed	Succeed	Succeed	Succeed	block	succeed
	full	empty *	full	full	N/A	full
empty	Succeed	block	block	Succeed	Succeed	block
	empty	N/A	N/A	full *	full *	N/A

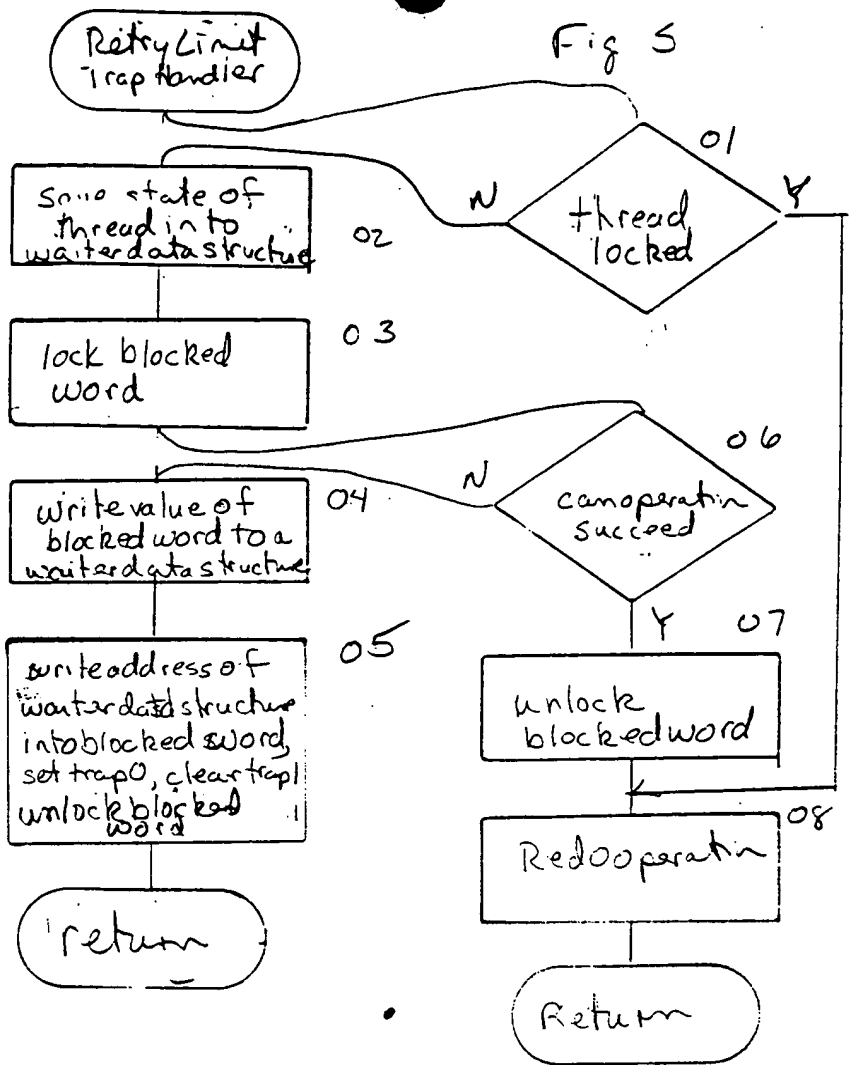
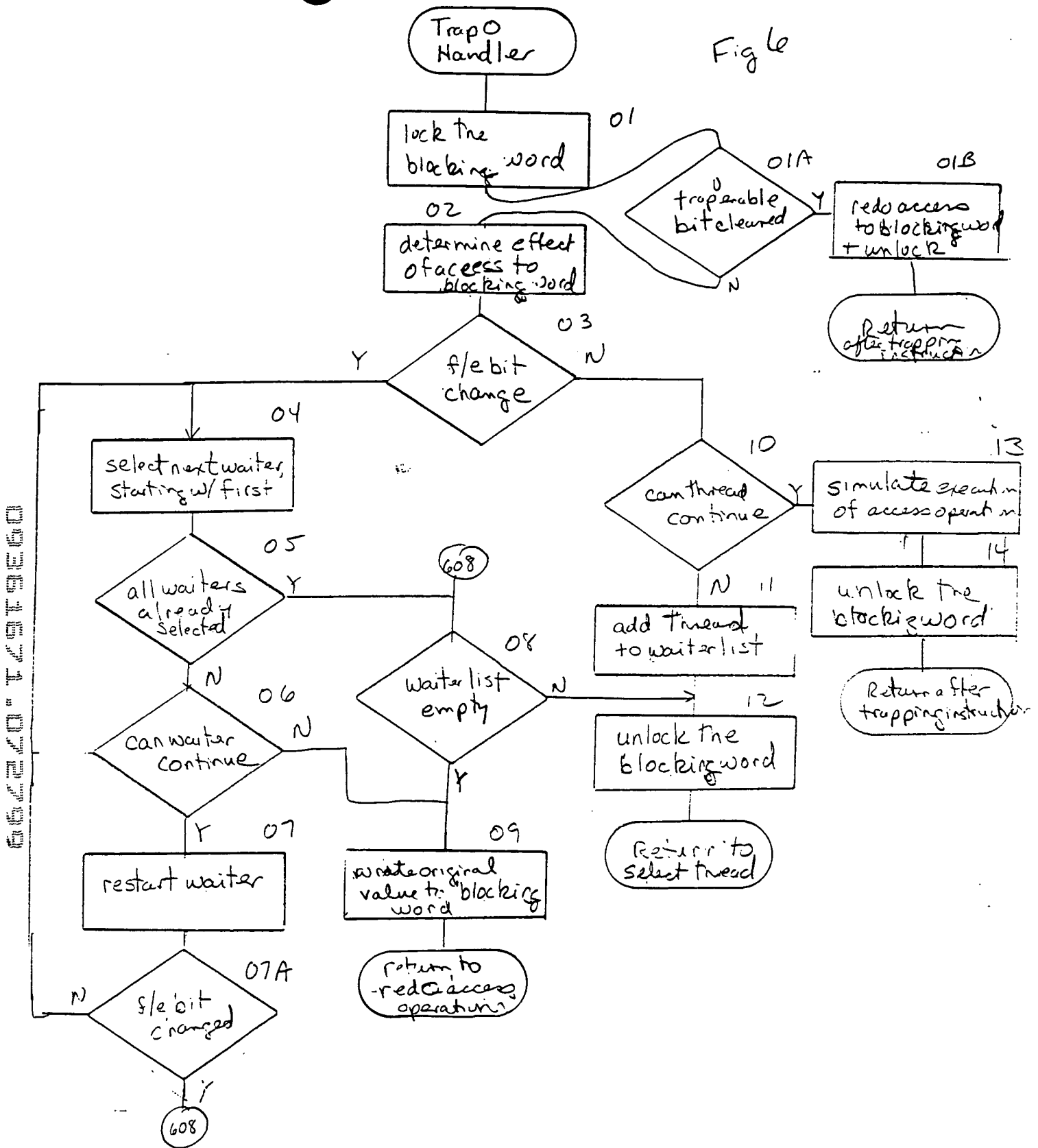


Fig 6



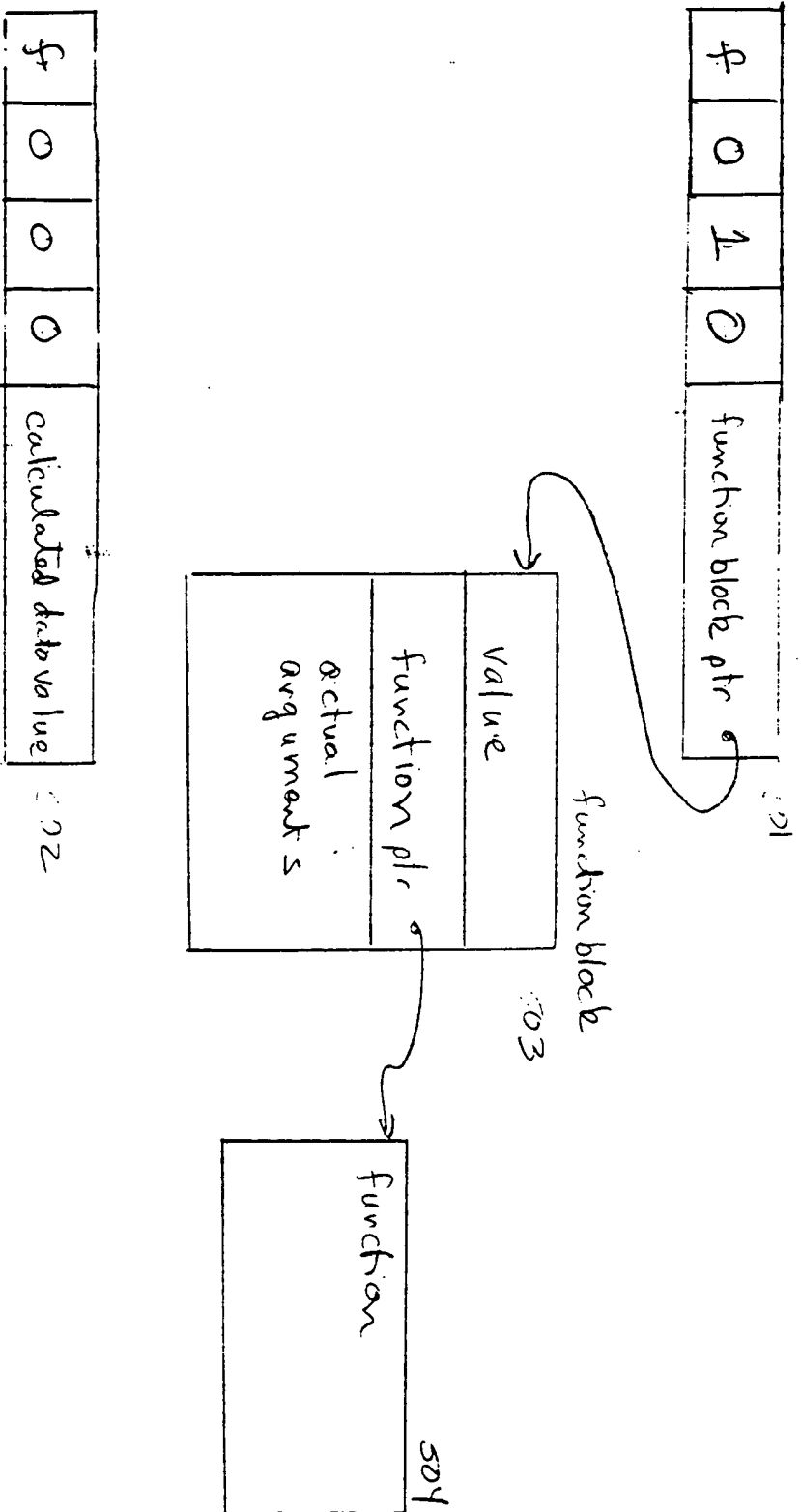


FIG 7

Setup
Demand Evaluation

(address, pfunction block)

01

copy value + set trap
from address to
pfunction block value

02

store pfunction
block in value
+ set Trap

Return

Fig 8

Fig.

09361671.072799

09361671.072799

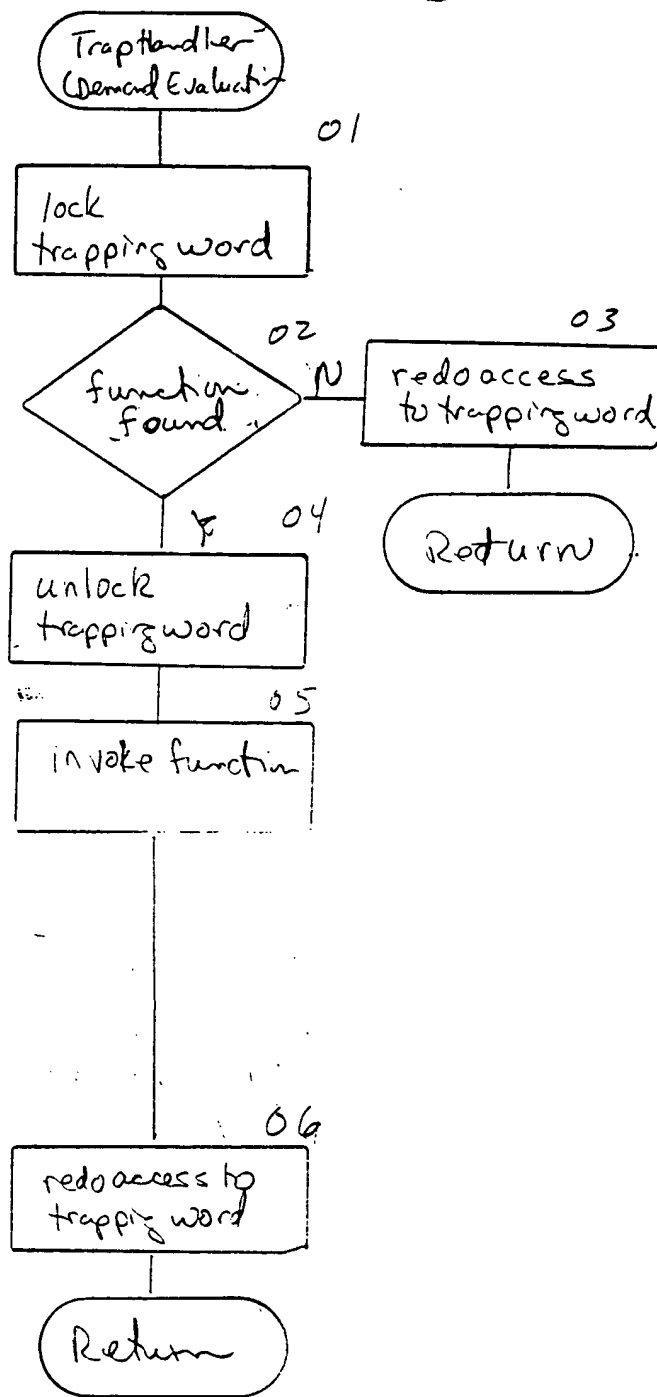


Fig 9

095167-2

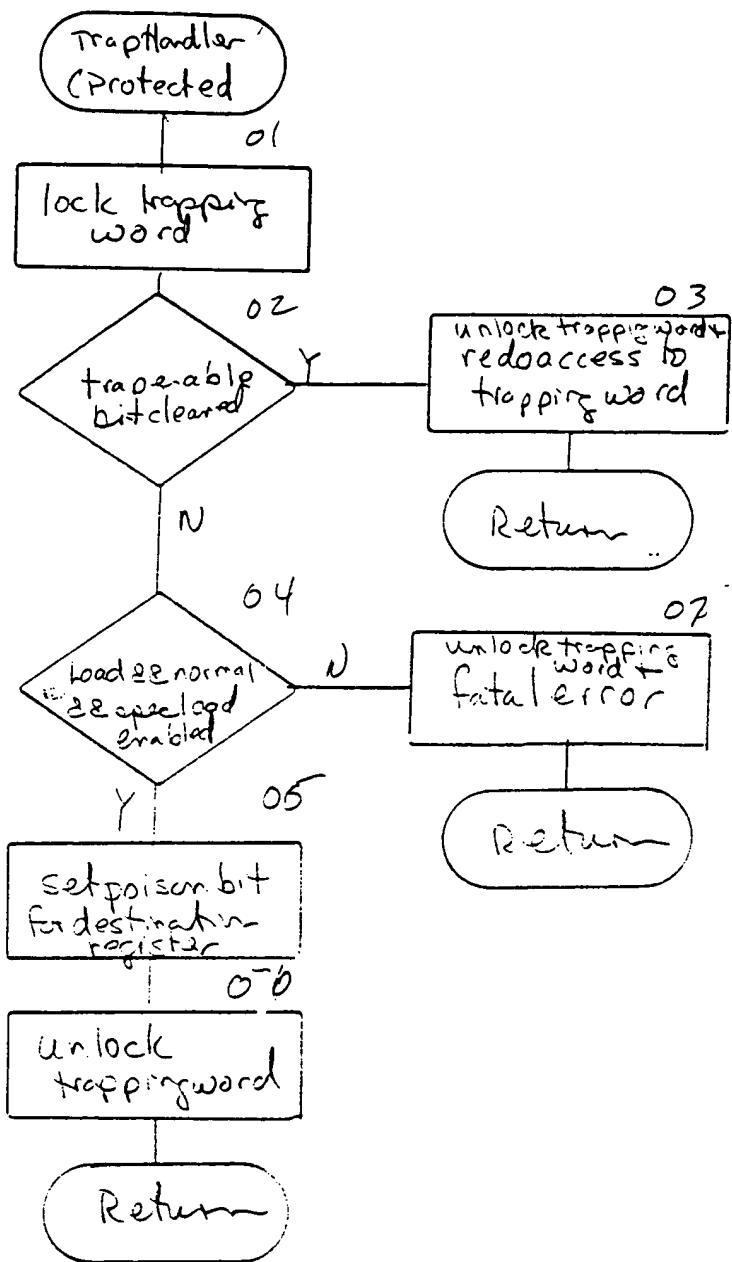
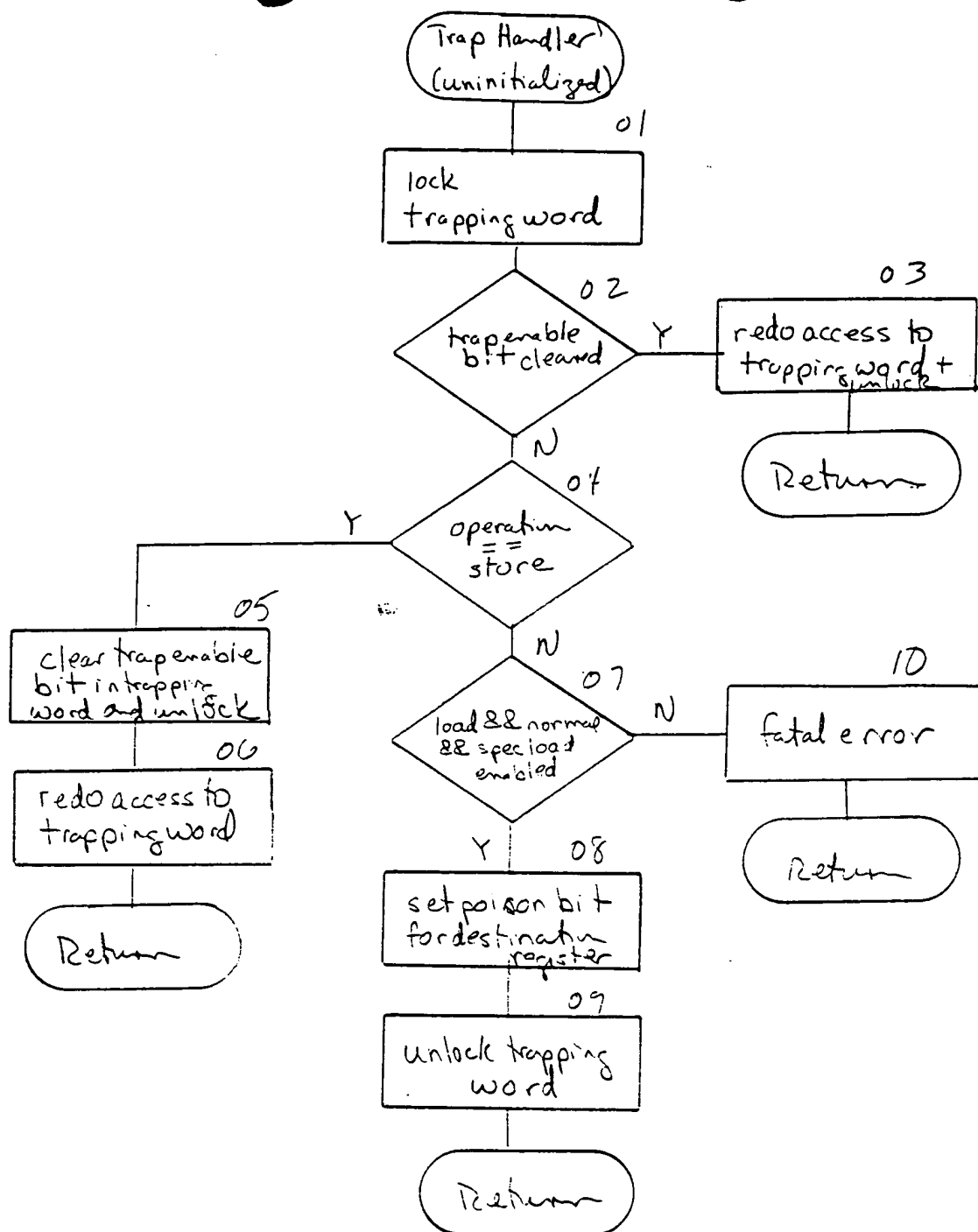


Fig 10

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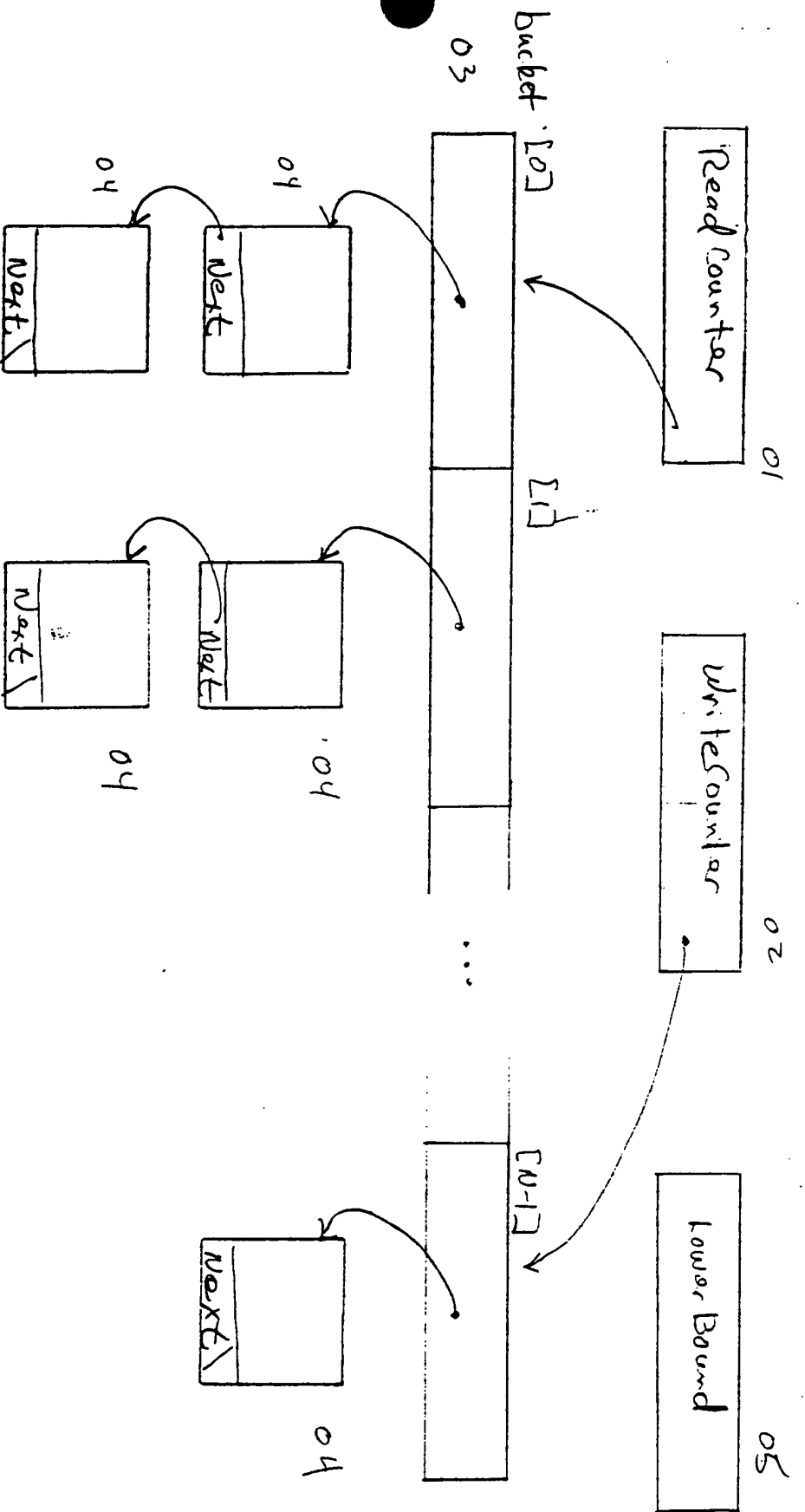


Fig 12

Initialize
list

01
readcounter = 0
writecounter = 0

02
lowerbound = 0

03
bucket[0...N-1] =
NULL

Return

Fig 13

09361671.02299

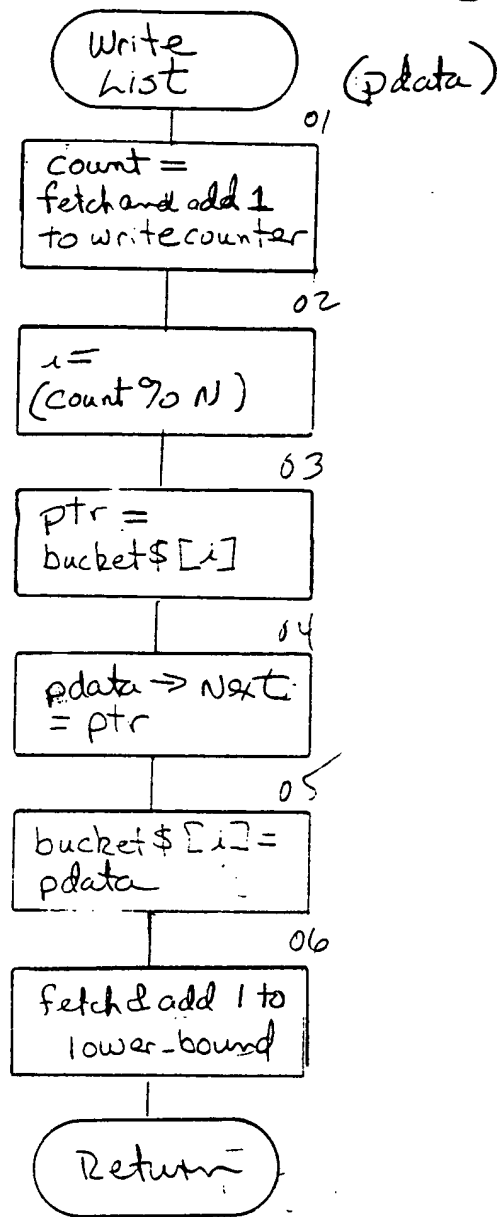


Fig 14

0 6 3 1 6 7 1 1 2 9

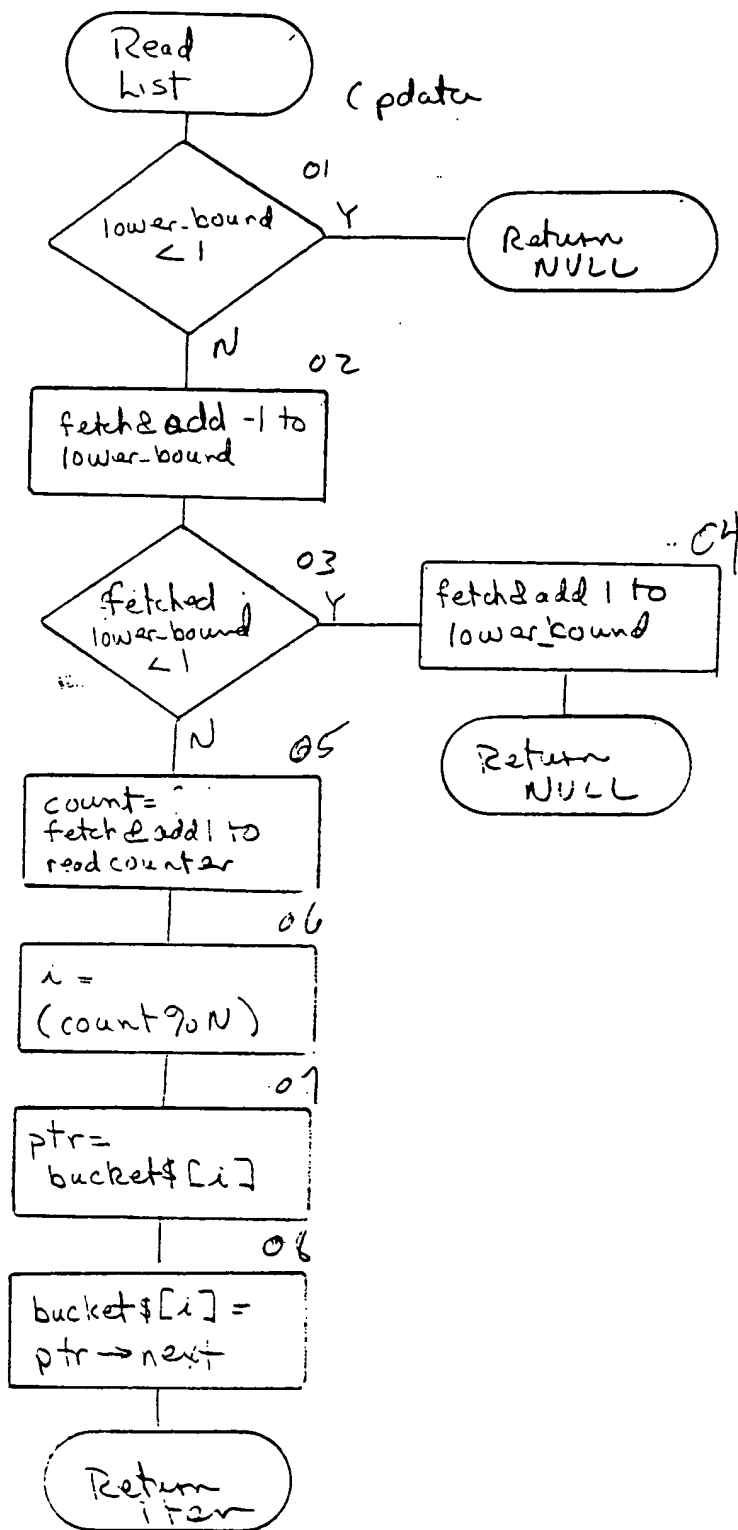


Figure 15

01



02

forward bit

Fig 16

[illegible]

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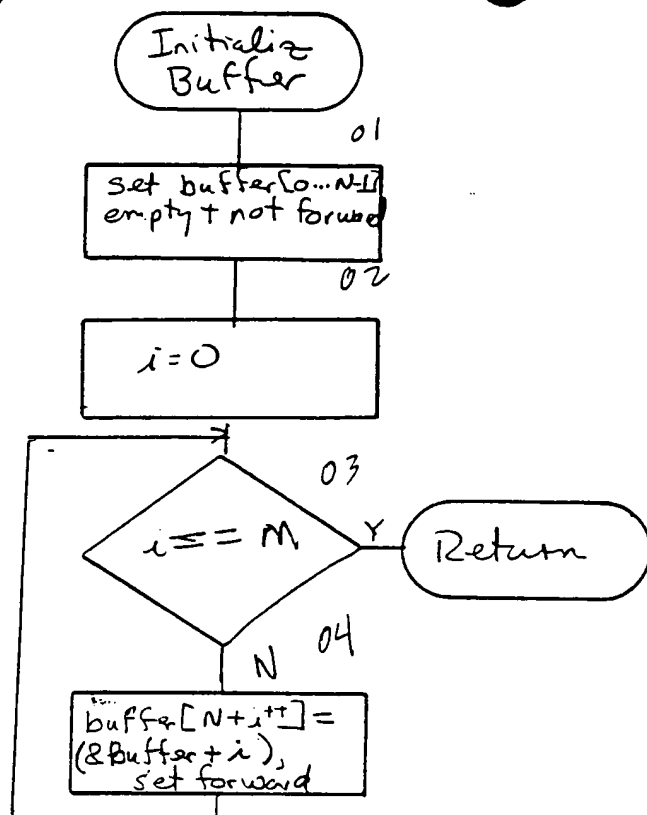
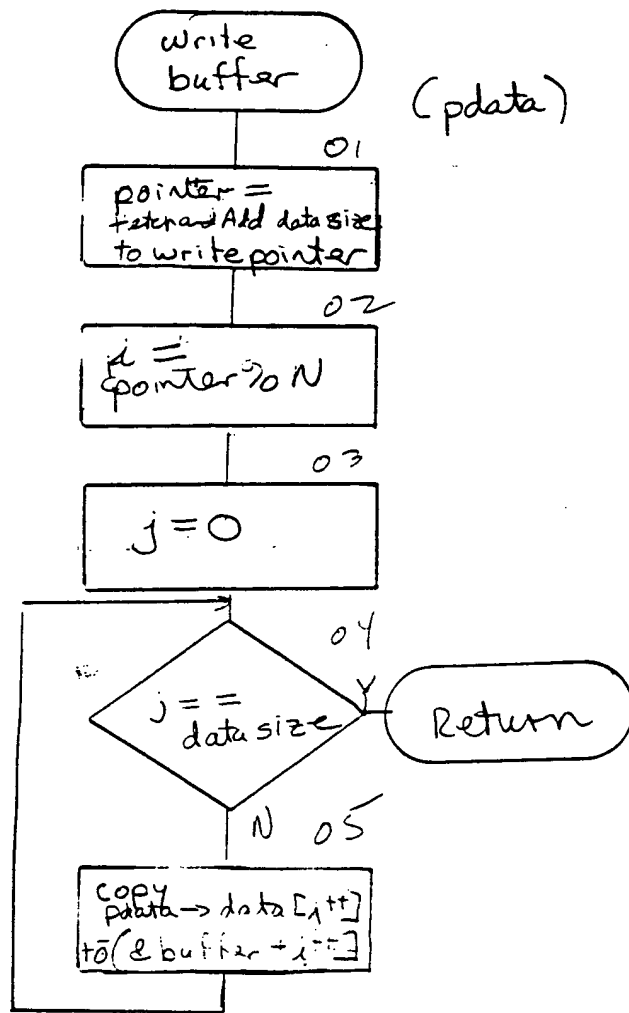


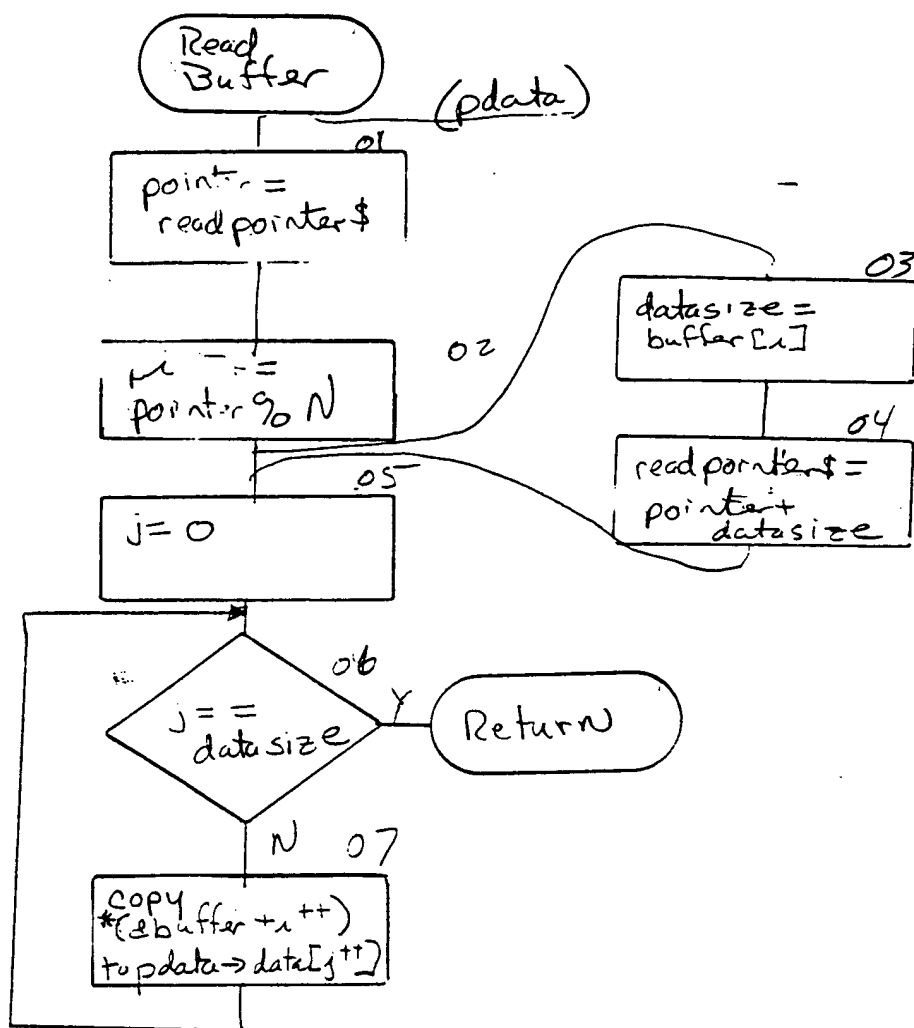
Fig 17.

Fig 18



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SECRET



09361671.072799

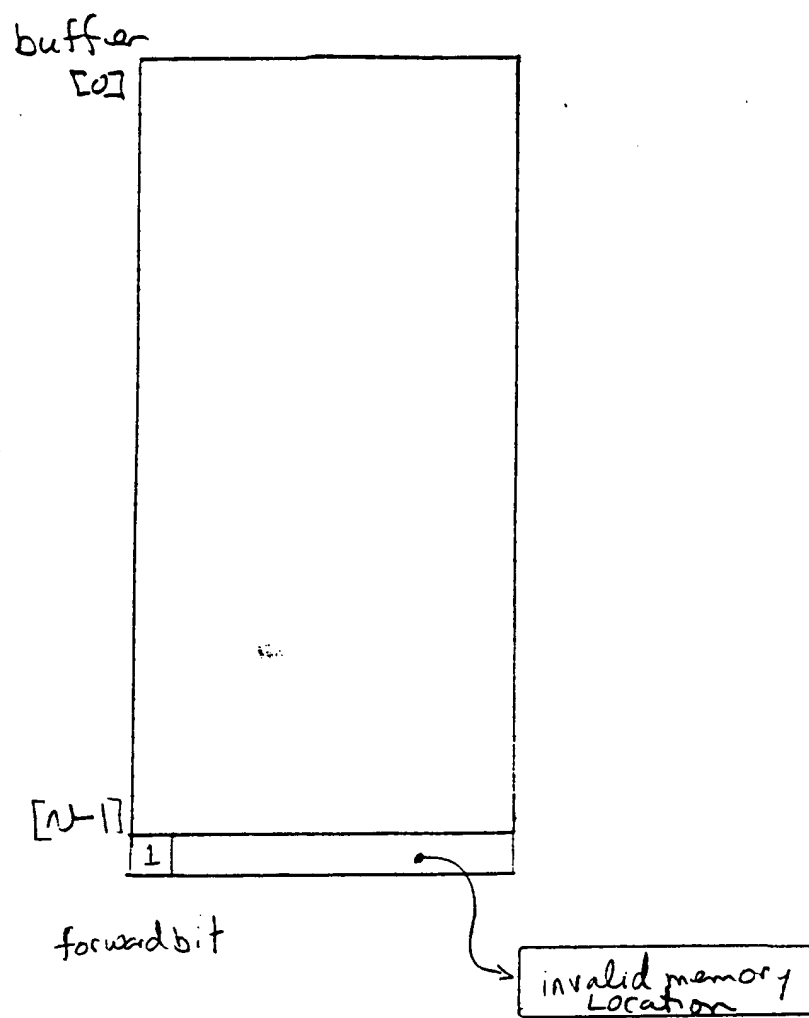


Figure 20

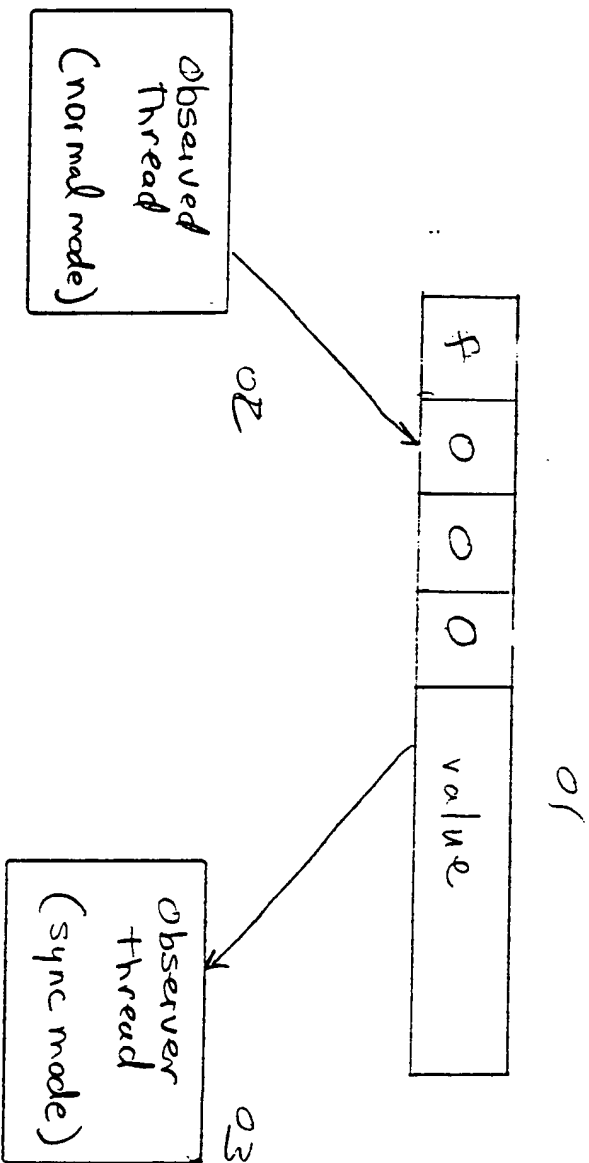


Fig 21

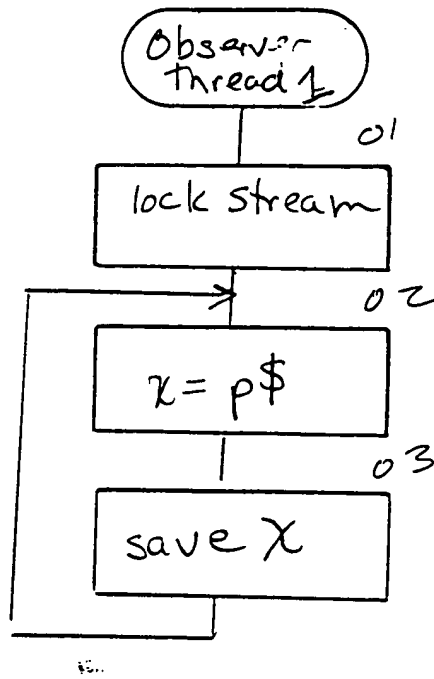


Fig 22

09361671.072799

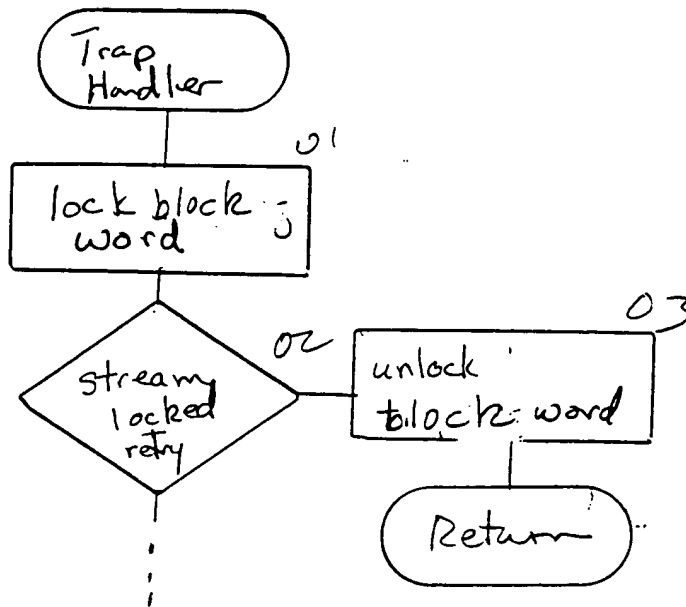


Figure 23

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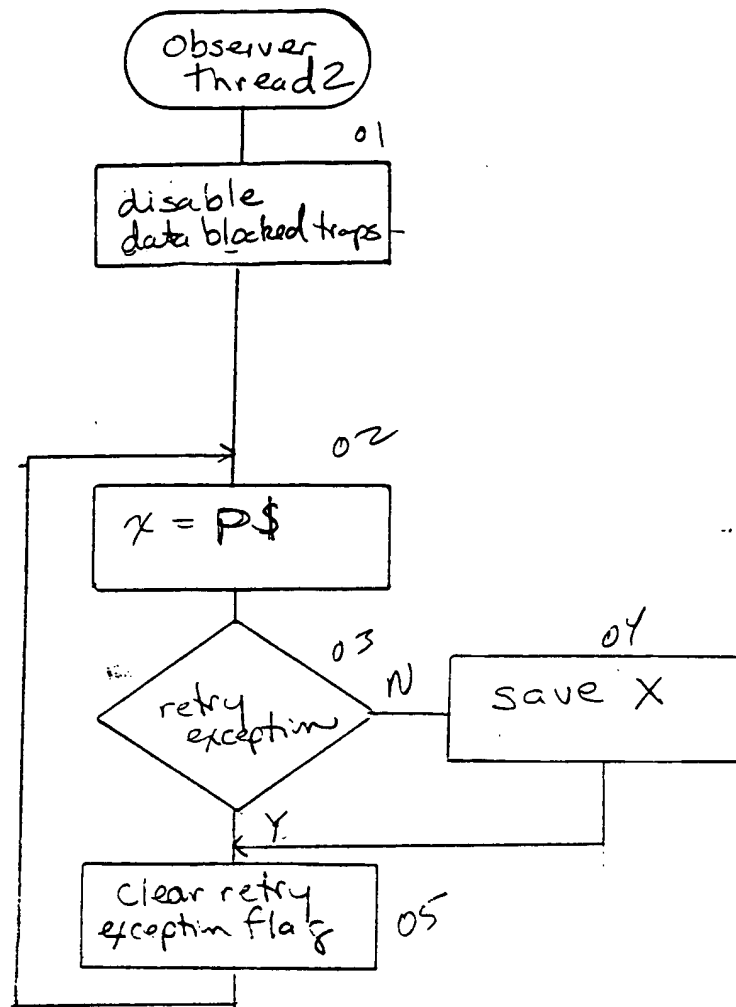
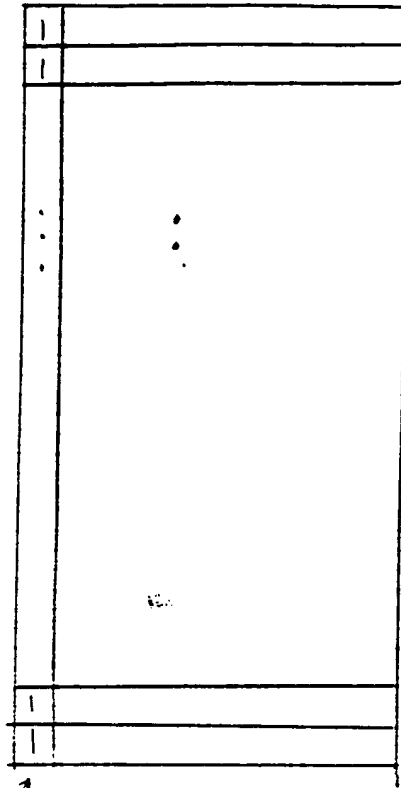


Fig 24

Data Structure



Trap \mathbb{Z}

Figure 25

09361671.072799